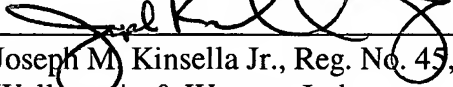


Amendment, claims 1-3, 7, 8, and 12 have been amended, claims 16-20 have been added, and no claims have been canceled. As a result, Claims 1-20 are at issue.

A check in the amount of \$834.00 is enclosed for the fees associated with additional claims of this Amendment. Applicants believe there are no other fees required, however, the Commissioner is authorized to charge any additional fees or credit any overpayments associated with this Amendment to Deposit Account No. 23-0280. Applicants further invite the Examiner to contact Applicants' counsel, Michael Femal, Esq., at (847) 925-3452, to discuss any matters pertaining to the present Application.

Respectfully submitted,

Dated: June 20, 2003

By: 
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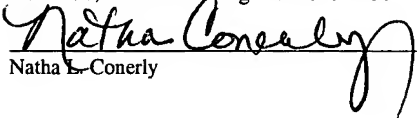
Attorneys for Applicants

CERTIFICATION UNDER 37 C.F.R. § 1.10

Express Mail Label No. EV 115521495 US

Date of Deposit: April 14, 2003

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service, postage prepaid, under 37 C.F.R. § 1.10 on the date indicated above and is addressed to: Mail Stop Patent Application, Commissioner for Patents, Box 1450, Alexandria, Virginia 22313-1450.


Natha L. Conerly

ATTACHMENT A — MARKED-UP COPY OF AMENDMENTS

In The Specification:

Please substitute the section entitled “RELATED APPLICATIONS” with the following:

Related Applications

This application is a continuing application of U.S. Patent Application 09/223,349, filed December 31, 1999, and is related to a co-pending U.S. Patent Application entitled “Embedded File System for a Programmable Logic Controller,” filed on December 30, 1998, and having the same common assignee.

In The Claims:

Please amend the claims 1-3, 7, 8, and 15 as follows:

1. (amended) An interface for communicating between a controller and a network client having a conventional web browser, the controller includes at least one input/output module utilized to control a device, the interface comprising:

an archive for compiling an application to be executed by the controller, the application being written in code supported by the web browser;

the[an] interface responsive to the application for establishing a connection between the controller and the network client; and,

a plurality of JAVA beans[library] responsive to the application for supporting communication between the controller and the network client upon establishing a connection therebetween, wherein the controller, the application, and the at least one input/output module cooperate to control the device.

2. (amended) The interface of Claim 1, further comprising a[n] client handler operably attached to the network client and the controller for maintaining the connection between the controller and the network client.

3. (amended) The interface of Claim 2, further comprising a[n] value adaptor operably

attached to the network client for dispatching unsolicited data messages to the network client.

7. (amended) An interface for communicating between a controller and a network client having a conventional web browser, the controller includes at least one input/output module utilized to control a device, the interface comprising:

an archive for compiling an application to be executed by the controller, the application being written in conventional code supported by the web browser;

the[an] interface responsive to the application for establishing a connection between the controller and the network client; and,

a library responsive to the application for supporting data requests between the controller and the network client upon establishing a connection therebetween, the library including a client handler operably attached to the network client and the controller for maintaining the connection between the controller and the network client.

8. (amended) The interface of Claim 7, further comprising a[n] value adaptor operably attached to the network client for dispatching unsolicited data messages to the network client.

12. (amended) An interface for communicating between a controller and a network client having a conventional web browser, the controller includes at least one input/output module utilized to control device, the interface comprising:

an archive for compiling an application to be executed by the controller, the application being written in conventional code supported by the web browser;

the[an] interface responsive to the application for establishing a connection between the controller and the network client; and,

a library responsive to the application for supporting data requests between the controller and the network client upon establishing a connection therebetween, the library including a client handler operably attached to the network client and the controller for maintaining the connection between the controller and the network client and a value adaptor operably attached to the network client for dispatching unsolicited data messages to the network client.